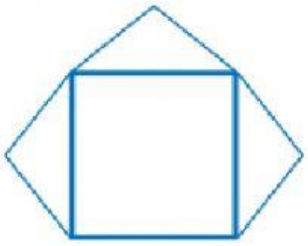
## Ajman Girls' School for Secondary Education

Name: Class: 10 Adv

**C. State whether the figure has rotational symmetry. If so, state the order and magnitude of symmetry.**



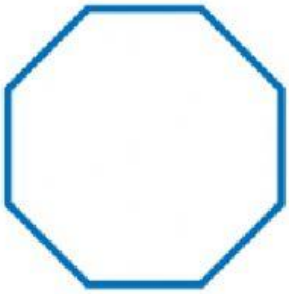
A. Yes, order 3 and magnitude 90°

B. Yes, order 4 and magnitude 90°

C. Yes, order 2 and magnitude 180°

D. No, the figure does not have rotational symmetry.

**B. State whether the figure has rotational symmetry. If so, state the order and magnitude of symmetry.**



A. Yes, order 8 and magnitude 45°

B. Yes, order 6 and magnitude 60°

C. Yes, order 4 and magnitude 90°

D. No, the figure does not have rotational symmetry.

LIVEWORKSHEETS

**A. State whether the figure has rotational symmetry. If so, state the order and magnitude of symmetry.**

A. Yes, order 8 and magnitude 45°

B. Yes, order 4 and magnitude 90°

C. Yes, order 4 and magnitude 180°

D. No, the figure does not have rotational symmetry.

**What is the order and magnitude of symmetry of a regular hexagon?**

A. order 2, magnitude 180°

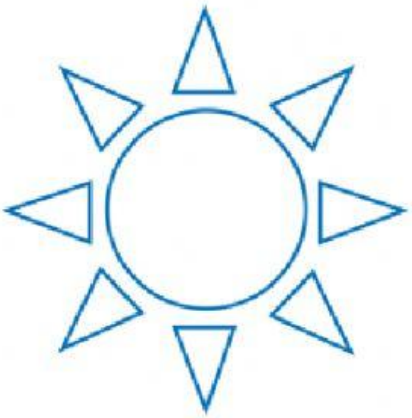
B. order 3, magnitude 120°

C. order 6, magnitude 60°

D. order 12, magnitude 30°

LIVEWORKSHEETS

**The figure has rotational symmetry. State the order and magnitude of symmetry.**



**A.** 8; 60°

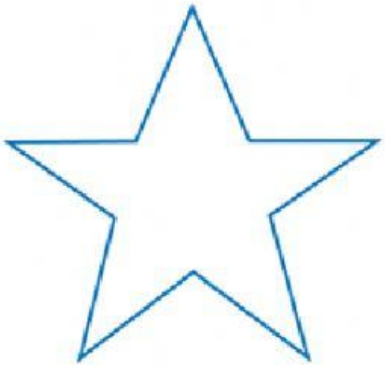
**B.** 8; 45°

**C.** 10; 45°

**D.** 10; 36°

LIVEWORKSHEETS

**The figure has rotational symmetry. State the order and magnitude of symmetry.**



**A.** 5; 72°

**B.** 5; 45°

**C.** 6; 60°

**D.** 6; 72°

LIVEWORKSHEETS

State whether the figure appears to have line symmetry. If so, how many lines of symmetry does it have?

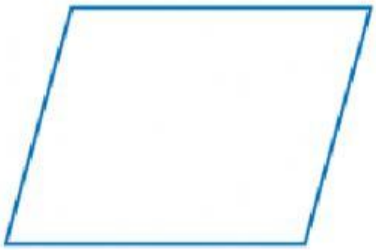
A. yes; 8 lines

B. yes; 4 lines

C. yes; 2 lines

D. This figure does not line symmetry.

State whether the figure appears to have line symmetry. If so, how many lines of symmetry does it have?



A. yes; 4 lines

B. yes; 3 lines

C. yes; 2 lines

D. This figure does not have line symmetry.

LIVEWORKSHEETS